D-21,266
ASYMMETRIC GROUP 8 (VIII)
METALLOCENE COMPOUNDS
Thompson et al.
Page 1 of 6

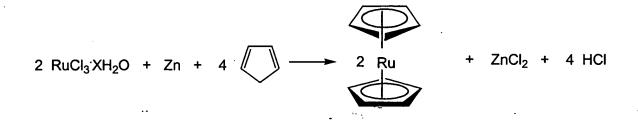


Fig.1A Prior Art

2 RuCl₃ XH₂O + Zn + 4
$$\bigcirc$$
 R \longrightarrow 2 Ru + ZnCl₂ + 4 HCl

Fig.1B Prior Art

D-21,266
ASYMMETRIC GROUP 8 (VIII)
METALLOCENE COMPOUNDS
Thompson et al.
Page 2 of 6

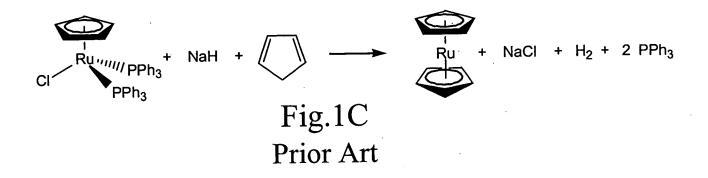




Fig. 2A Prior Art



Fig. 2B Prior Art

D-21,266
ASYMMETRIC GROUP 8 (VIII)
METALLOCENE COMPOUNDS
Thompson et al.
Page 3 of 6

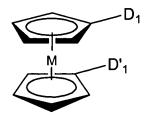


Fig. 3

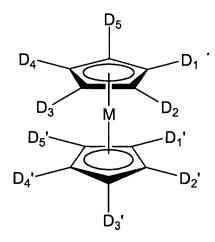
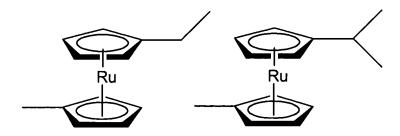


Fig. 4

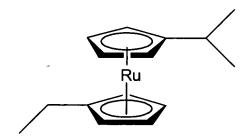
D-21,266
ASYMMETRIC GROUP 8 (VIII)
METALLOCENE COMPOUNDS
Thompson et al.
Page 4 of 6

03.4



1,1'-ethylmethylruthenocene

1,1'-isopropylmethyl ruthenocene



1,1'-isopropylethyl ruthenocene

Fig. 5

D-21,266 ASYMMETRIC GROUP 8 (VIII) METALLOCENE COMPOUNDS Thompson et al. Page 5 of 6

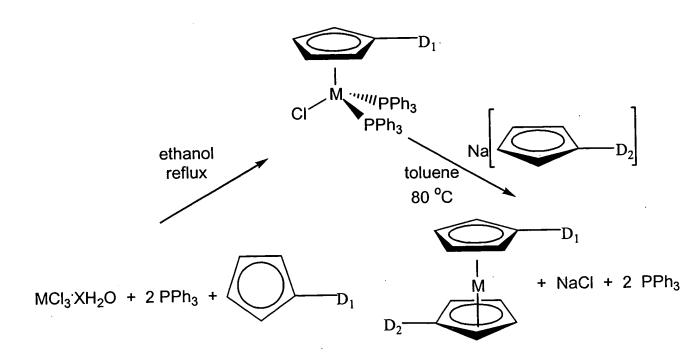


Fig. 6

D-21,266
ASYMMETRIC GROUP 8 (VIII)
METALLOCENE COMPOUNDS
Thompson et al.
Page 6 of 6

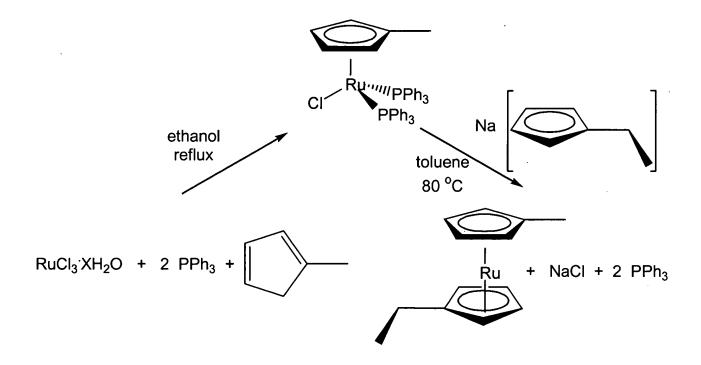


Fig. 7